

BEST AVAILABLE COPY

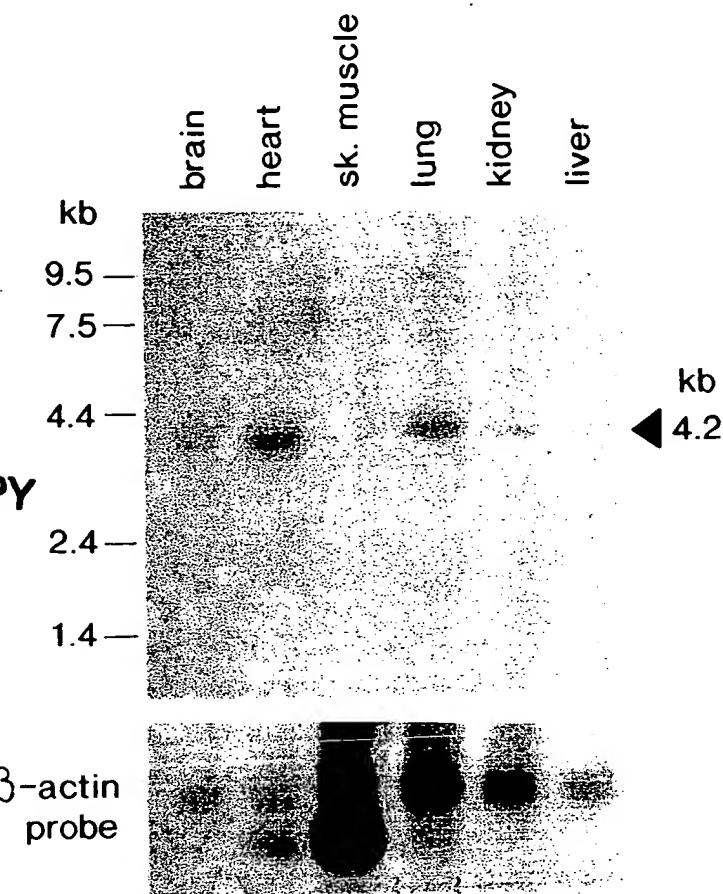


FIG. 11A

FIG. 11B

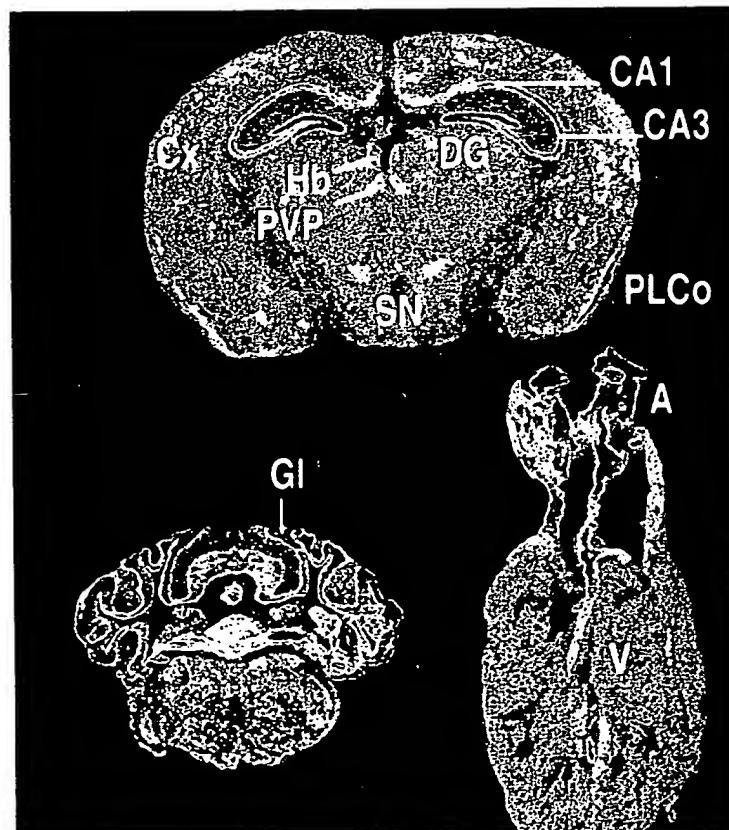


FIG. 11D

1201-CIP-DIV-00
F. e Duprat, et al
F y of Mammalian Potassium Channels, Thc oining
And Their Use, Especially for The Screening of Drugs

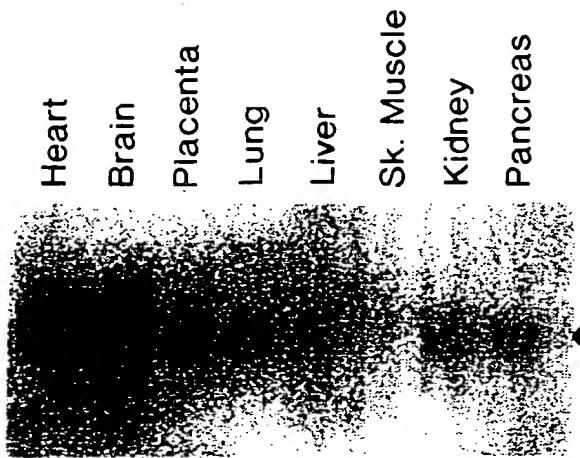


FIG. 1A

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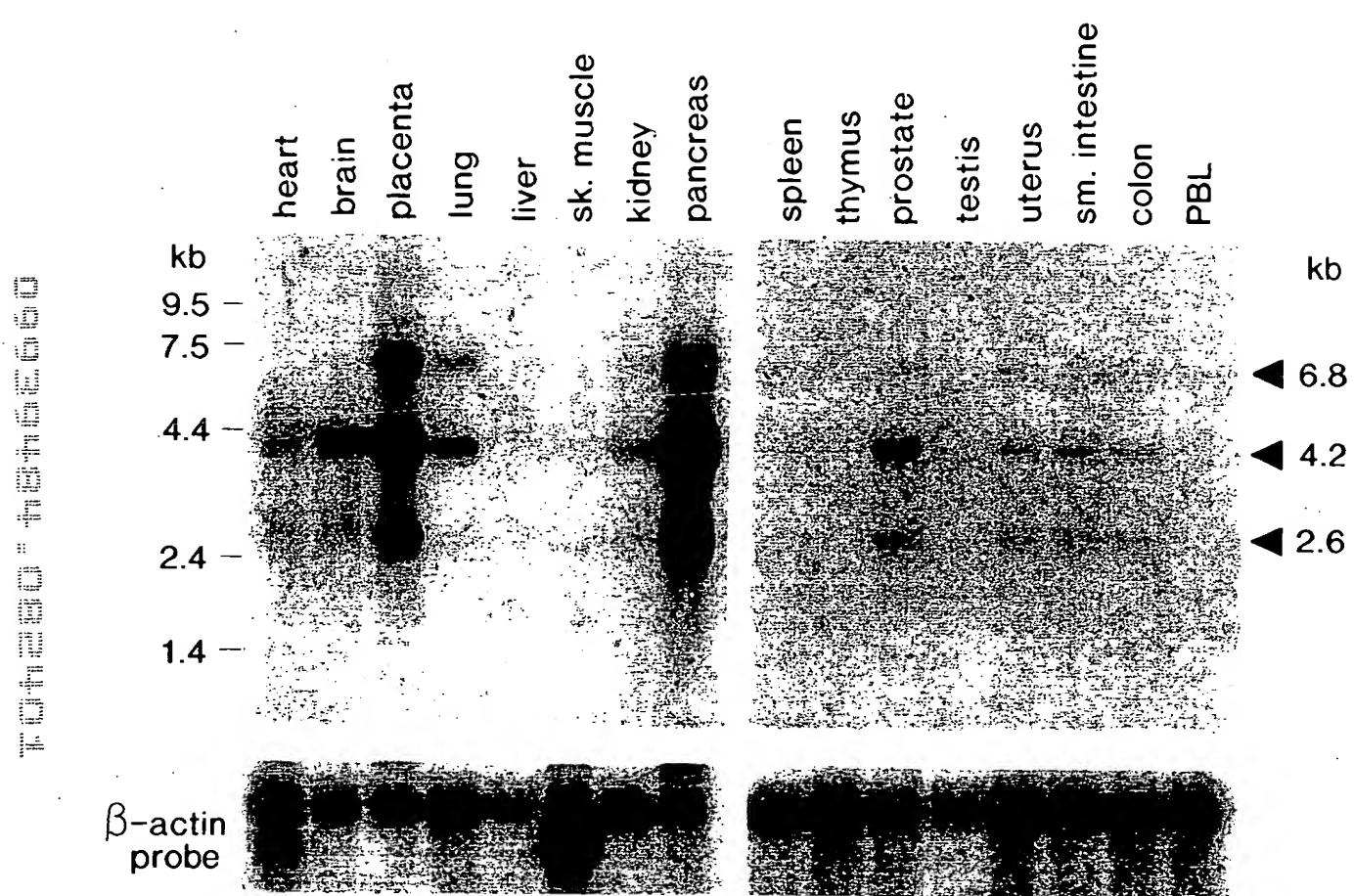


FIG. 10

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FIG. 1B-1

TGG AAC TTC CTG GAA TCC TTT TAT TTT TGT TTT ATT TCC CTG AGC ACC ATT GGC CTG	684
W N F L E S F Y F C F I S L S T I G L	228
GGG GAT TAT GTG CCT GGG GAA GGC TAC AAT CAA AAA TTC AGA GAG CTC TAT AAG ATT	741
G D Y V P G E G Y N Q K F R E L Y K I	247
GGG ATC ACG TGT TAC CTG CTA CTT GGC CTT ATT GCC ATG TTG GTA GTT CTG GAA ACC	798
G I T C Y L L G L I A M L V V L E T	266
TTC TGT GAA CTC CAT GAG CTG AAA AAA TTC AGA AAA ATG TTC TAT GTG AAG AAG GAC	855
F C E L H E L K K F R K M F Y V K K D	285
AAG GAC GAG GAT CAG GTG CAC ATC ATA GAG CAT GAC CAA CTG TCC TTC TCC TCG ATC	912
K D E D Q V H I I E H D Q L S F S S I	304
ACA GAC CAG GCA GCT GGC ATG AAA GAG GAC CAG AAG CAA AAT GAG CCT TTT GTG GCC	969
T D Q A A G M K E D Q K Q N E P F V A	323
ACC CAG TCA TCT GCC TGC GTG GAT GGC CCT GCA AAC CAT TGA gcgtaggatttgtgcatt	1030
T Q S S A C V D G P A N H *	337
atgctagagcaccagggtcagggtcaaggaagaggcttaagtatgttcattttatcagaatgcacaaagcgaaaa	1106
-ttatgtcacttaagaaatagctactgtttcaatgtcttattaaaaacaacaaaaagacacatgaaacaaag	1182
aagctgtgaccccagcaggatgtctaataatgtgagggaaatgagatgtcccacctaaaattcatatgtgacaaaatta	1258
tctcgaccttacataggaggagaatacttgaagcagtatgtctgtggtagaagcagattttatacttttaact	1334
ggaaacttgggttgcatttagatcatttagctgtatggctaaatagcaaaatttatattttagaagcaaaaaaaa	1410
aaagcatagagatgtgtttataaataggttatgtactggttcatgtacccacccaaaatgatttttg	1486
gagaatctaagtcaaactcactattataatgcataggtacccatataactatgtacatataaagtataaatatgtt	1562
tatattctgtacatatggttaggtcaccagatcctagtgtagttctgaaactaagactatagatattttgtttct	1638
tttgatttctttataactaaagaatccagagttgctacaataaaaataagggataataaaaaaaaaaaaaaaa	1712

FIG. 1B-2

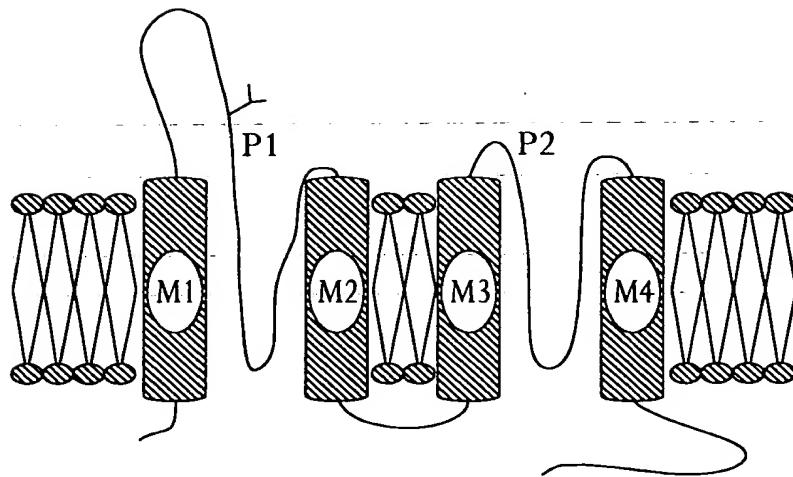
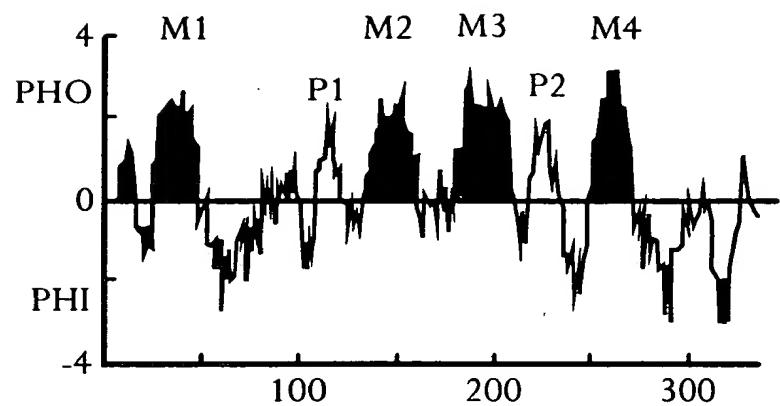


FIG. 1C

Fabrice Corrat, et al
Family of Mammalian Potassium Channels, Their Clo
And Their Use, Especially for The Screening of Drugs

TWIK-1 P1
TWIK-1 P2
TOK1 P2
TOK1 P1
Slo
Shaker
Shab
Shal
Shaw
KAT1
AKT1
eag
ROMK1
IRK1
GIRK1

1 14 27

TSALEFRASTVLSSTTG	GYGHTYPL	SDGS
ELSESEYFCF	SISTTGL	GDYMPGE
YFNCIYFCE	CLLT	GYGDYAPRIGAS
YGNALYECTVSEL	IVGLGD	ERPKSVGA
YWTCVYELLIVTM	STVG	YGDVYCETVLG
IPDAFWWAWVTM	TTVGY	GDMTPVGFWS
IPEAFFWWAGITM	TTVGYGD	CPTTALC
IPAAEWWYTTIVTM	TTL	GYGDMVPETIAG
IPLCIWWAIVTM	TTVGYGD	MARKTYIC
YVIALYWSITTL	TTTGYGDF	HAFHAENPRE
YVTSMYWSITTL	TTVGYGDI	HPEVNTKE
YVIALYETMT	CMTSVGE	GNVAAEIDNE
MTSAFLESL	ETQV	GYGFRFVTEQCA
ETAAFLESL	ETQTT	GYGFRCVTDEC
EPSAFLF	ETEAT	GYGYR
		YITDKCP

FIG. 2A

TWIK-1	1	MLOSEAGSSCVRREV-----EHRSEANCF--G	-LWIGY
f17c8	1	MYTDEGEYSGDTDHGGSTMOKMSPNTRONFRQNVVVVCLSAATL	-
M110-2	1	MTVSMEENSKIOMESATSKDVKVATDRSLLNKVHLGPALHTGLVSC	
<hr/>			
TWIK-1	31	LEYLVFGAVVFSMELPYEDILRQE-----LRKIKRRFLEEHEC---L	
f17c8	47	LVEVLIGAGIF-----YLAFTTONSSES	
M110-2	49	VTYALGGAYELSLIEHP-----EIKRREKAIREFOQDKOQFMGNITSGIEN	
<hr/>			
TWIK-1	71	SEQQEEOEGLGRVL-----EAENYGVSVDSNASGNWWN-----DETTAFL	
f17c8	69	LNENSEV-----SKCLHNLPICGGKITAEAKSKGKCTKSSRIDGERSKAIF	
M110-2	96	SEQSEEEYTKKEELMLEDAHNAHAEEYFFLNEHELPKDMW-----TESSAIV	
<hr/>			
P1			
TWIK-1	110	FASTVVESTVGYGHTVPESDGCKAFCDI-----YSWVGIPTFLLELTAVVORI	
f17c8	115	FSWTLYYSTVGYGSSEPHSELGRYLTTE-----YSLEMIDPVFLARKFEFGTFI	
M110-2	142	FETITTVIPVGYGYEPVPSAYGR-----MCQTLAYALLGIPETLTVTMADTGKEA	
<hr/>			
TWIK-1	157	TVH---VTRRPVD-----YDIERWGESKOVVAIVHAWLLGEVTVSCFF	
f17c8	162	AHFLVVVVENRTREAVKKAYKKS-ONPENAETPSNSLHDYI-----FLSSI	
M110-2	189	AQL---VTR-----W-----FGDNNMAIPAAITV-----CIL	
<hr/>			
P2			
TWIK-1	197	FI-PAAVFS---VL-----EDDWNELESFKFCFISESTTIGEGDYVPGEGLYN	
f17c8	209	LLCSISLSSSAFFSIENISYLSSWYRGEITMFLIGEGD-----VPTN---	
M110-2	213	FAYPLWGF-----TCSTSNTYLDSYVFSLTSEFTTIGEGDITPR-----	
<hr/>			
TWIK-1	239	QKFRECYKIGETCYYLEELGLTAMEVVLDETFC-----ELEMELKKER	
f17c8	254	-----EWWSGYCMLFLISDVLENQTYFCQARVRYFFHILARKQI	
M110-2	253	-----DMNVVHMVLEIAVGYIIYTLDIV-----AEMIDRVHYMGRHYG	
<hr/>			
TWIK-1	278	-----KMPYVKKDKDEDQVHDEHDQ-----SFSSSETDGAAGMKED	
f17c8	295	LLRE-EDDGFOLETTESVLSQHPIINSQCMPSE-----VLDCEKEELIOND	
M110-2	294	KAKELLAGKMFQIAQSINMKOGLVSGVGOLHALARFGMLVGREEVDKTQ	
<hr/>			
TWIK-1	315	QKONEPFVAT-----Q\$SACVDPANH-----	
f17c8	338	EKLFLSSLEST-----	
M110-2	342	EDGTIAFSPDVMGLEFMDTLSIYSRRRSAENSARNLFLS	

FIG. 2B

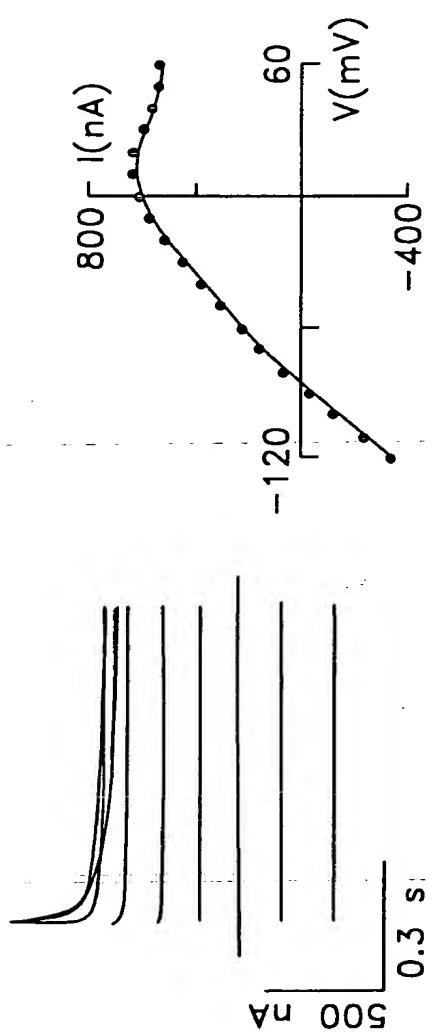


FIG. 3A

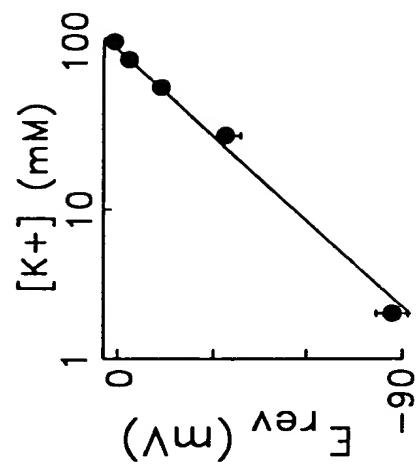


FIG. 3B

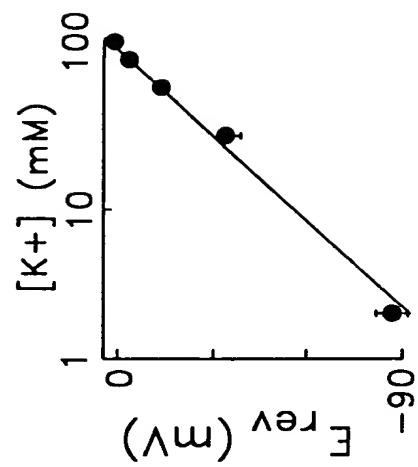


FIG. 3C

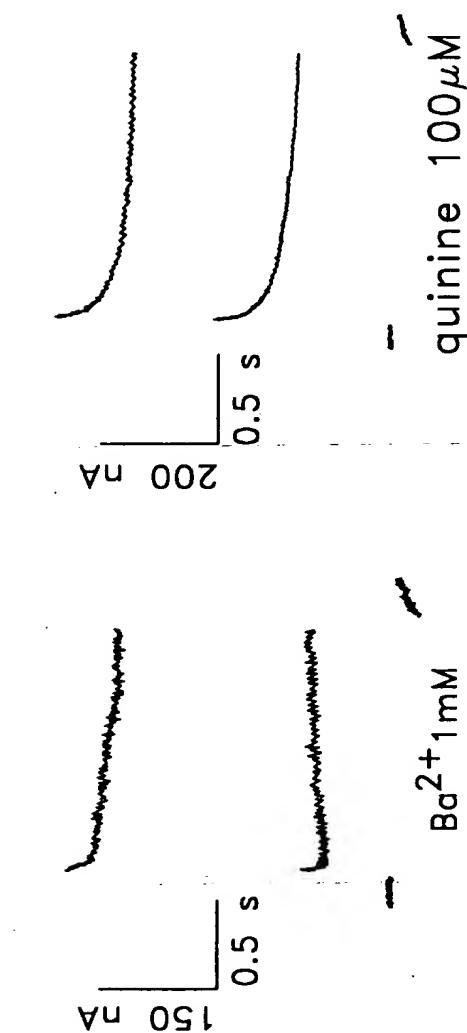


FIG. 3D

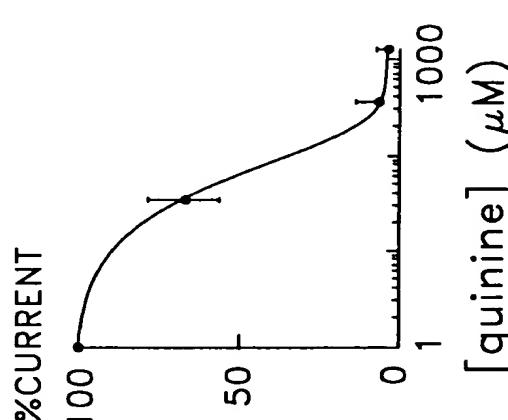


FIG. 3E

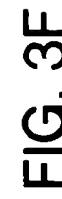


FIG. 3F

FIG. 4A

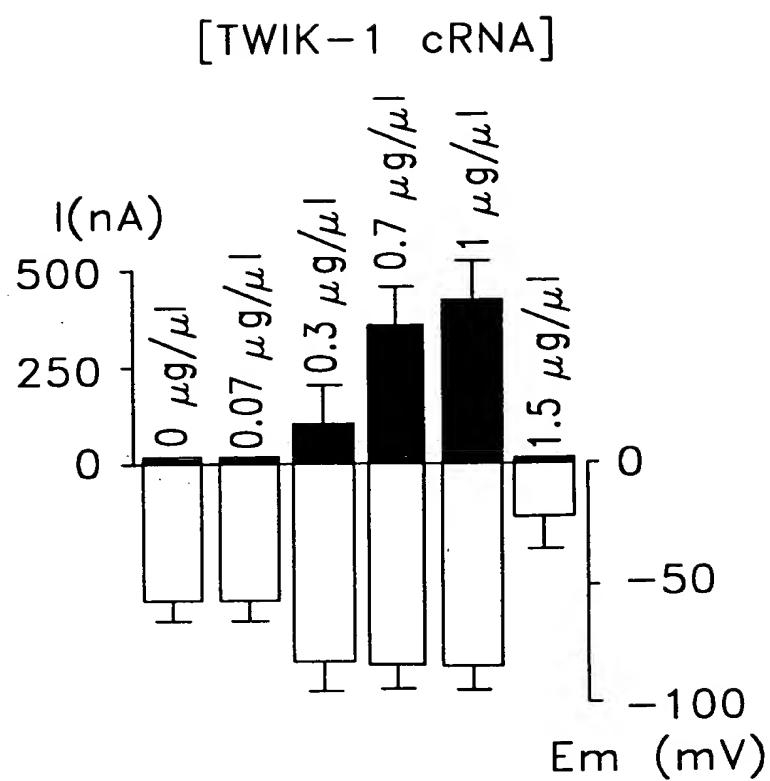


FIG. 4B

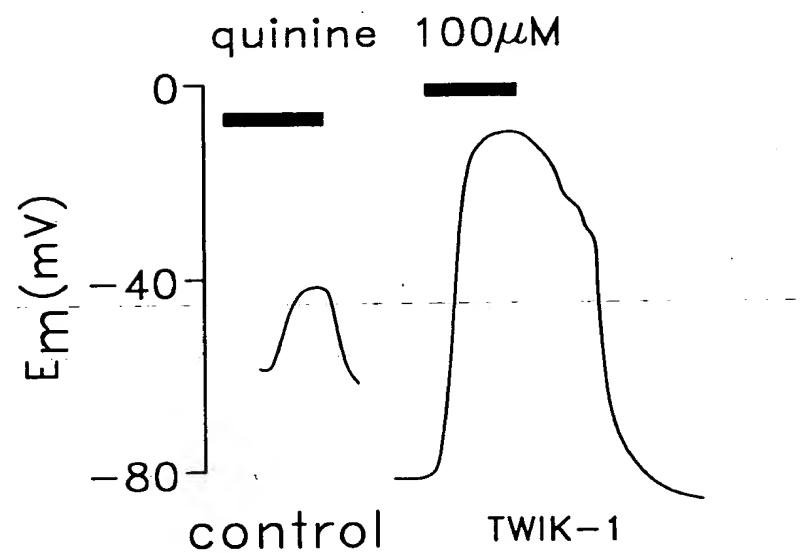
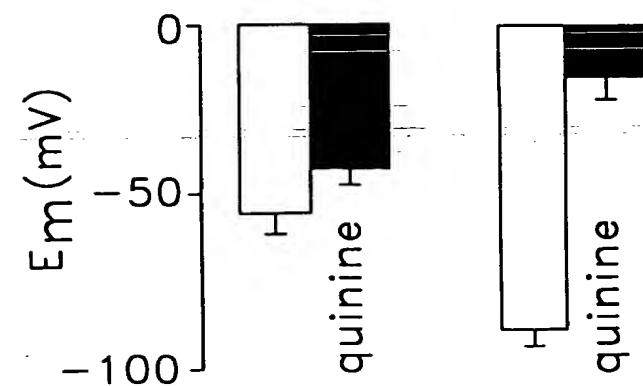


FIG. 4C



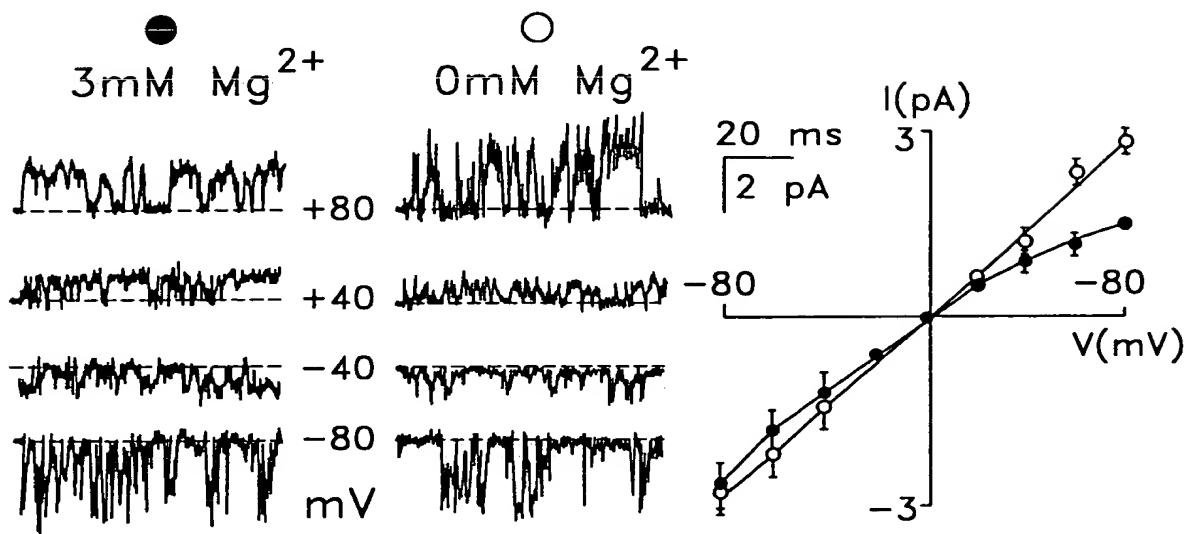


FIG. 5A

FIG. 5B

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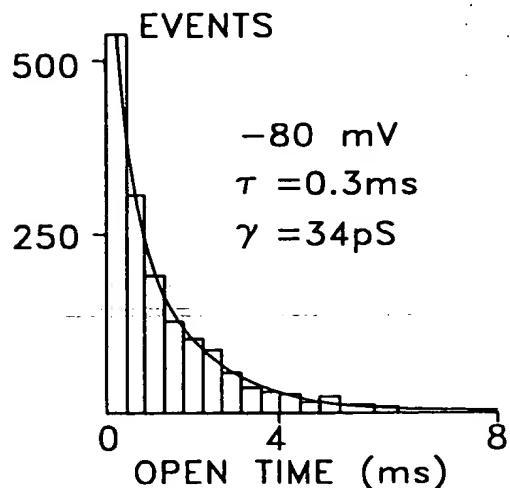
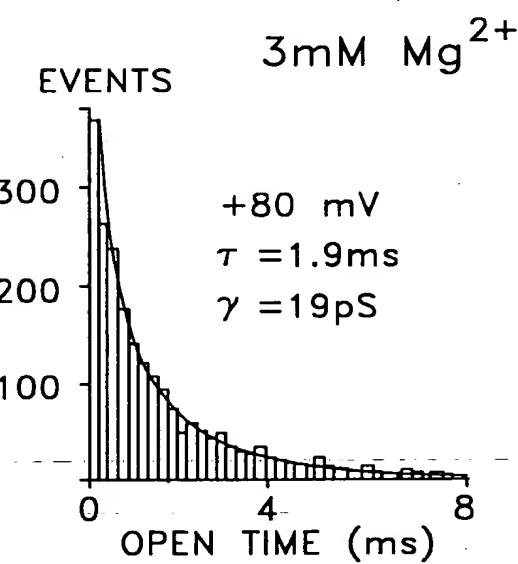


FIG. 5C

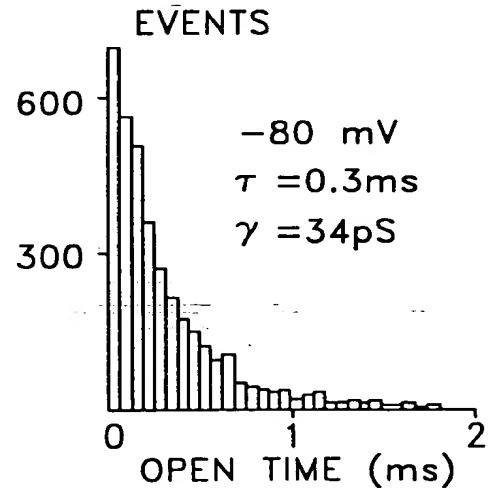
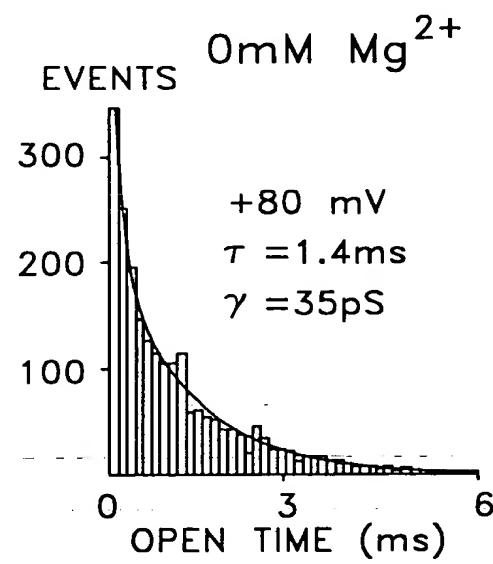


FIG. 5D

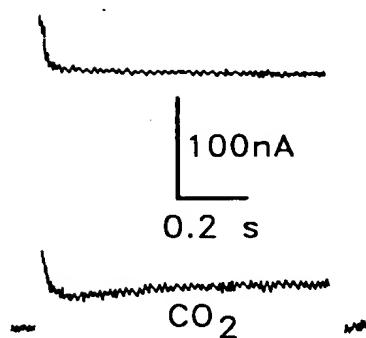


FIG. 6A

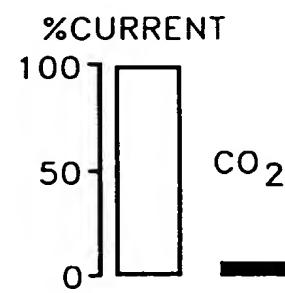


FIG. 6B

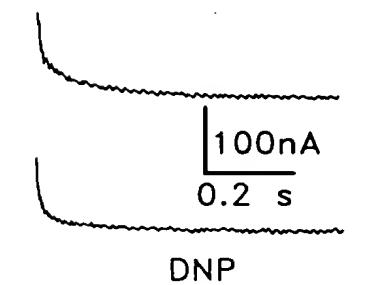


FIG. 6C

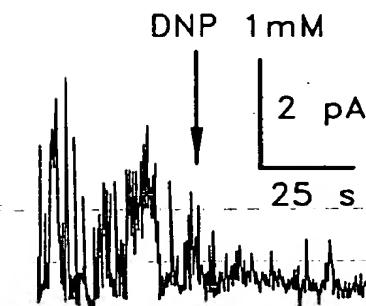


FIG. 6E

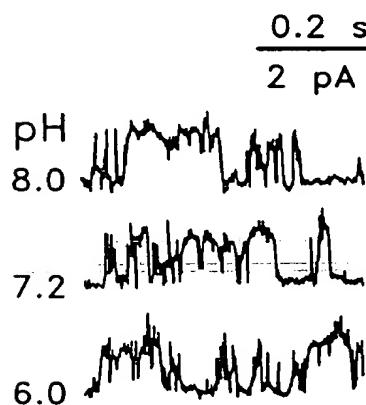


FIG. 6G

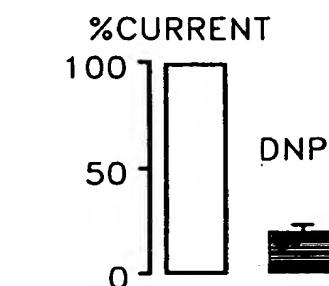


FIG. 6D

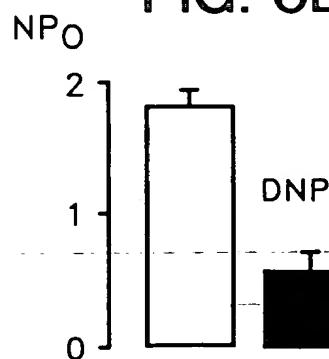


FIG. 6F

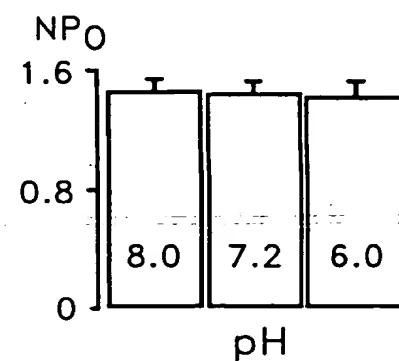


FIG. 6H

Foto 2000 - Photo 2000

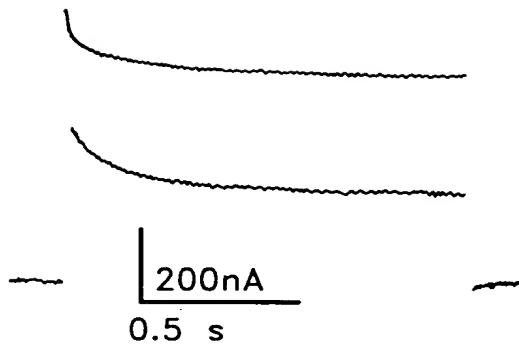


FIG. 7A

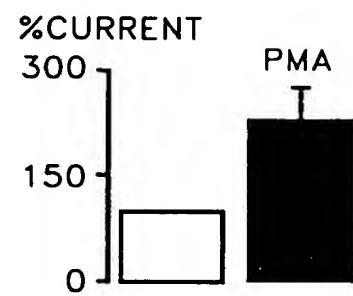


FIG. 7B

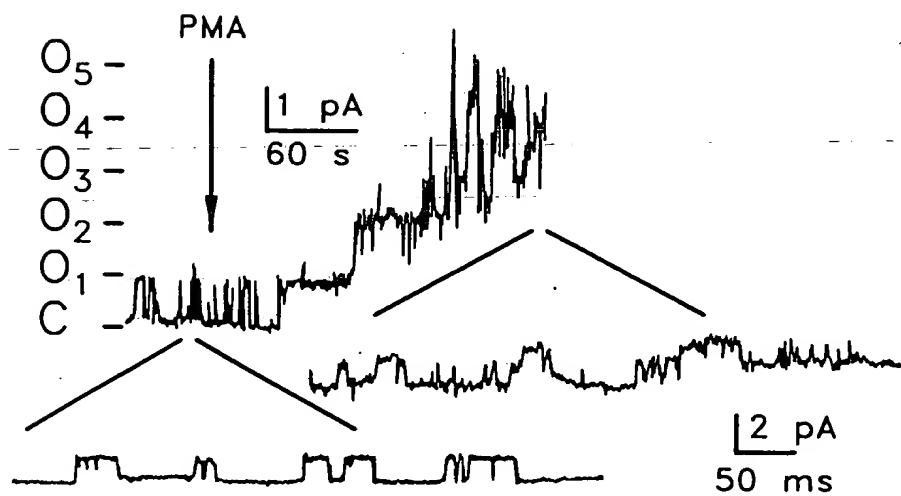


FIG. 7C

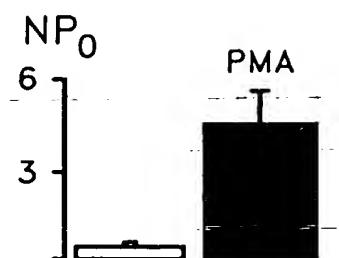


FIG. 7D

tgc	cctgc	gcggatagc	ggcgacgc	gcccgtcc	ttccg	-77													
ggc	aggc	ggcggccggcc	ggggccatgc	ggggccggcc	ggggccggcc	-1													
ATG	AAG	CGG	CAG	AAC	GTG	CGC	ACG	CTG	GCG	CTC	ATC	GTG	TGC	ACC	TTC	ACC	TAC	CTG	57
M	K	R	Q	N	V	R	T	L	A	L	I	V	C	T	F	T	Y	L	19
	E	N	V	R	T	L	A	L	I	V	C	T	F	T	T	Y	L		
CTG	GTG	GCG	GCC	GCG	GTC	TTC	GAC	GCG	CTG	GAG	TCG	GAG	CCC	GAG	CTG	ATC	GAG	CGG	114
L	V	G	A	A	V	F	D	A	L	E	S	E	P	E	L	I	E	R	38
L	V	G	A	A	V	F	D	A	L	E	S	E	P	E	M	I	E	R	
CAG	CGG	CTG	GAG	CTG	CGG	CAG	CAG	GAG	CTG	CGG	GCG	CGC	TAC	AAC	CTC	AGC	CAG	GCG	171
Q	R	L	E	L	R	Q	Q	E	L	R	A	R	Y	N	L	S	Q	G	57
Q	R	L	E	L	R	Q	L	E	L	R	A	R	Y	N	L	S	E	G	
*																			
GGC	TAC	GAG	GAG	CTG	GAG	CGC	GTC	GTG	CTG	CGC	CTC	AAG	CCG	CAC	AAG	GCC	GGC	GTG	228
G	Y	E	E	L	E	R	V	V	L	R	L	K	P	H	K	A	G	V	76
G	Y	E	E	L	E	R	V	V	L	R	L	K	P	H	K	A	G	V	
CAG	TGG	CGC	TTC	GCC	GGC	TCC	TTC	TAC	TTC	GCC	ATC	ACC	GTC	ATC	ACC	ACC	ATC	GGC	285
Q	W	R	F	A	G	S	F	Y	F	A	I	T	V	I	T	T	I	G	95
Q	W	R	F	A	G	S	F	Y	F	A	I	T	V	I	T	T	I	G	
TAC	GGG	CAC	GCG	GCA	CCC	AGC	ACG	GAT	GGC	GGC	AAG	GTG	TTC	TGC	ATG	TTC	TAC	GCG	342
Y	G	H	A	A	P	S	T	D	G	G	K	V	F	C	M	F	Y	A	114
Y	G	H	A	A	P	S	T	D	G	G	K	V	F	C	M	F	Y	A	
CTG	CTG	GGC	ATC	CCG	CTC	ACG	CTC	GTC	ATG	TTC	CAG	AGC	CTG	GGC	GAG	CGC	ATC	AAC	399
L	L	G	I	P	L	T	L	V	M	F	Q	S	L	G	E	R	I	N	133
L	L	G	I	P	L	T	L	I	M	F	Q	S	L	G	E	R	I	N	
ACC	TTG	GTG	AGG	TAC	CTG	CTG	CAC	CGC	GCC	AAG	AAG	GGG	CTG	GGC	ATG	CGG	CGC	GCC	456
T	L	V	R	Y	L	L	H	R	A	K	K	G	L	G	M	R	R	A	152
T	E	V	R	Y	L	L	H	R	A	K	R	G	L	G	M	R	H	A	
GAC	GTG	TCC	ATG	GCC	AAC	ATG	GTG	CTC	ATC	GGC	TTC	TTC	TCG	TGC	ATC	AGC	ACG	CTG	513
D	V	S	M	A	N	M	V	L	I	G	F	F	S	C	I	S	T	L	171
E	V	S	M	A	N	M	V	L	I	G	F	V	S	C	I	S	T	L	
TGC	ATC	GGC	GCC	GCC	TTC	TCC	CAC	TAC	GAG	CAC	TGG	ACC	TTC	TTC	CAG	GCC	TAC	570	
C	I	G	A	A	A	F	S	H	Y	E	H	W	T	F	F	Q	A	Y	190
C	I	G	A	A	A	F	S	X	Y	E	B	W	T	F	F	Q	A	Y	
TAC	TAC	TGC	TTC	ATC	ACC	CTC	ACC	ATC	GGC	TTC	GGC	GAC	TAC	GTG	GGC	CTG	CAG	627	
Y	Y	C	F	I	T	L	T	T	I	G	F	G	D	Y	V	A	L	Q	209
Y	Y	C	F	I	T	L	T	T	I	G	F	G	D	Y	V	A	L	Q	
AAG	GAC	CAG	GCC	CTG	CAG	ACG	CAG	CCG	CAG	TAC	GTG	GCC	TTC	AGC	TTC	GTC	TAC	ATC	684
K	D	Q	A	L	Q	T	Q	P	Q	Y	V	A	F	S	F	V	Y	I	228
K	D	Q	A	L	Q	T	Q	P	Q	Y	V	A	F	S	F	V	Y	I	
CTT	ACG	GGC	CTC	ACG	GTC	ATC	GGC	GCC	TTC	CTC	AAC	CTC	GTG	GTG	CTG	CGC	TTC	ATG	741
L	T	G	L	T	V	I	G	A	F	L	N	L	V	V	L	R	F	M	247
L	T	G	L	T	V	I	G	A	F	L	N	L	V	V	L	R	F	M	

FIG. 8A

FIG. 8B

	1	- - - - -	M L Q S L A G G S S C V R - - - - -	L U V E R H R S - - -
	1	MAA P D I L L D P K S A V Q N S K P R L S F S S K P T V L A S R V E S D S A		
	1	- - - - -	M K R - - - Q - N V R - - -	
			M1	
TWIK-1	20	- - - - -	A W C F G S E L V L G Y L L Y L V R G A V V F S S V E L P Y E D L L	
TREK-1	39	I N V M K V K T V S T I F L V V V L Y L I G A A V F K A L E Q P Q E T S O		
TASK	8	- - - - -	I I A L E V C T I T Y L V G A A V F D A L E S E P E E I E	
			P1	
TWIK-1	53	R O E L R K L K R R F D E E H E C H S E Q Q L E O F L G R V L E A S N Y G V		
TREK-1	77	R T T I V T Q K Q T F I A Q H A C V N S T E L D E L I Q Q I V A A I N A G T		
TASK	38	R O R E E R Q O E L R A R Y N L S Q G G - Y E E L E R V V L R L K P H K A		
			M2	
TWIK-1	91	S V L S N A S G - N W N W D F T S A L F F A S T V E S T F G Y G H T V P L S		
TREK-1	115	I P L G N S S N Q V S H W D E G S S F F F A G F V I T T I G E G N S S P R T		
TASK	75	G - - - - - V Q - W R F A G S F Y F A I T V I T T I G Y G H A P S T		
			M3	
TWIK-1	128	D G G K A F C I I Y S V A G I P E T T L L E L T A V V O R I T V H V T R - - R		
TREK-1	153	E G G K A F C I I Y A L L G I P L E G E I L L A G V G D Q I G T I F G K G G I A		
TASK	104	D G G K V F C M E Y A L L G I P L T L V M F O S I G E R I N T L V R Y - - -		
			M4	
TWIK-1	164	P V L Y F H I R W G E S K O V V A I V H A V L I G F V T V S C F E F I P A A		
TREK-1	191	K V E D I F I K J N V S Q T K I R I T S T I F F I L F G O V I F V A P P A V		
TASK	139	L I H R A K K G E G M R R A D V S M A N V L I G F F S C E S T L C I G A A		
			P2	
TWIK-1	202	V F S V I E D D W N F L E S F Y F C F I S L S T I G L G D Y V P G E - G Y N		
TREK-1	229	I F K H I E G - W S A L D A I Y F V V I T L T T I G F G D Y V A G - G S D		
TASK	177	A F S H Y E H - W T F E Q A Y Y V C F I T L T T I G F G D Y V A L O K D Q A		
			P3	
TWIK-1	239	O K E R E L Y K I G I T G Y L L E G L I A M L V V L E T F C E L H E L K K F		
TREK-1	264	I E Y L D E Y K P V V W F W I L V G L A Y F A A V L S M I G D W L R V I S K		
TASK	214	L O T Q P Q Y V A E S F A V Y I L T G L T W I G A E L N L V V L R F M T M N A		
			P4	
TWIK-1	277	R K M F Y V K K D K D - - - - -		
TREK-1	302	K T K E E V G E F R - - - - -		
TASK	252	E D E K R D A E H R A L L T R N G Q A G G G G G G S A H T T D T A S S T A		
			P5	
TWIK-1	288	- - - - - E D Q V H I L E H D Q L S F S S I T D Q A A G M K - - -		
TREK-1	312	- - - - - A H A A E W T A N V T A E E K E T R R R L S V E I - - -		
TASK	290	A A G G G G F R N V Y A E V I L H F Q S M C S C L W Y K S R E K L O Y S I P M		
			P6	
TWIK-1	313	- - - E D Q K Q N E P F V A T Q S S A C V D G P A N H - - - - -		
TREK-1	337	- - - Y D K F Q R A T S V K R K L S A E L A G N H N Q E L T P C M R T C L -		
TASK	328	I I P R D L S T S D T C V E Q S H S S P G G G G R Y S D T P S R R C L C S G		
			P7	
TWIK-1	337	- - - - -		
TREK-1	371	- - - - -		
TASK	366	A P R S A I S S V S T G L H S L S T F R G L M K R R S S V		

FIG. 9A

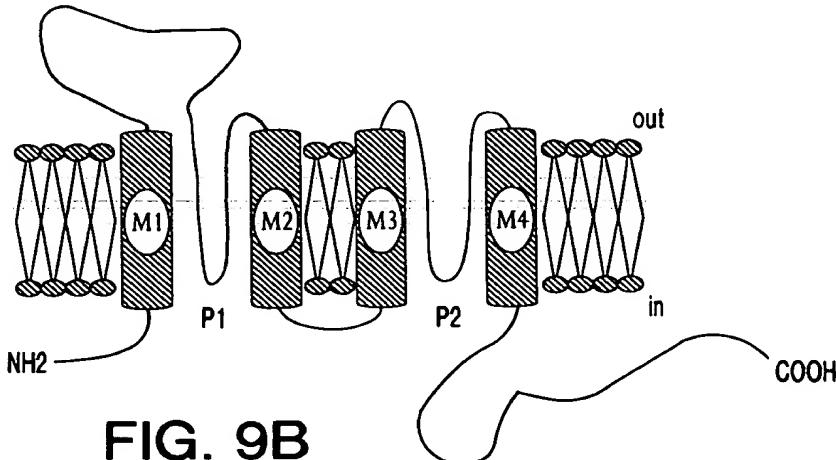


FIG. 9B

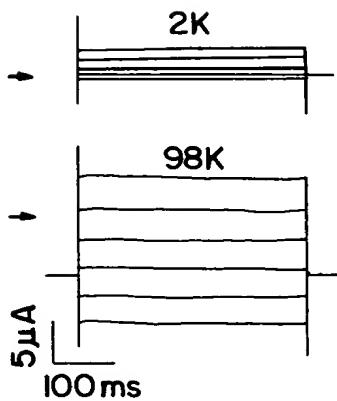


FIG. 12A

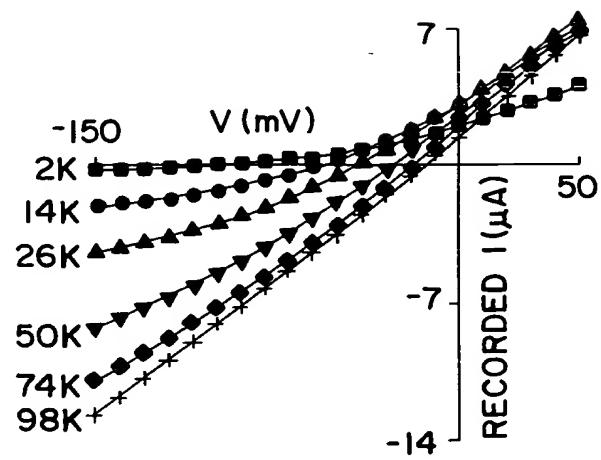


FIG. 12B

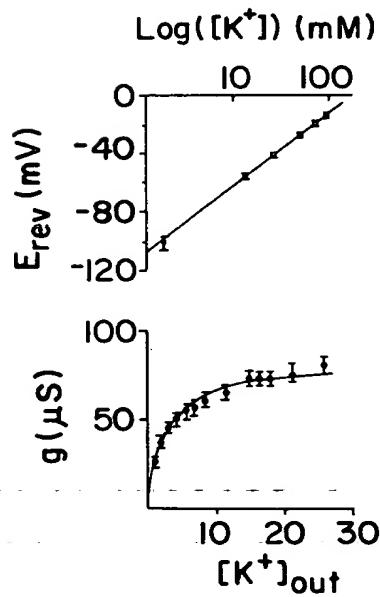


FIG. 12C

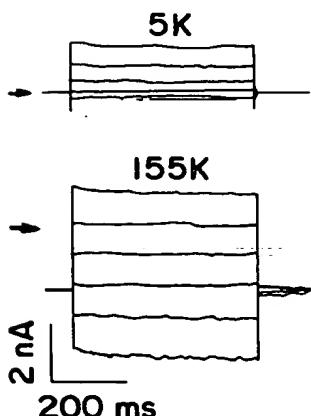


FIG. 12E

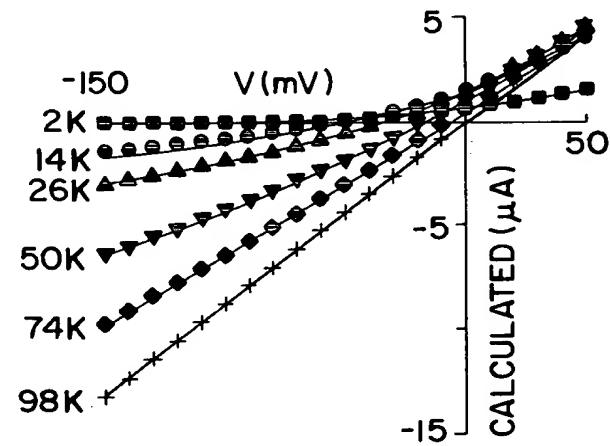


FIG. 12D

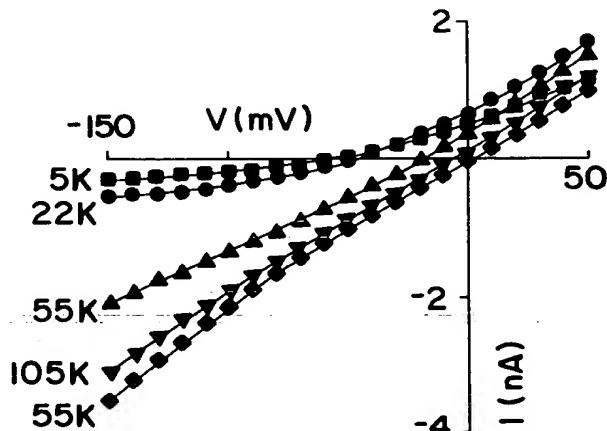


FIG. 12F

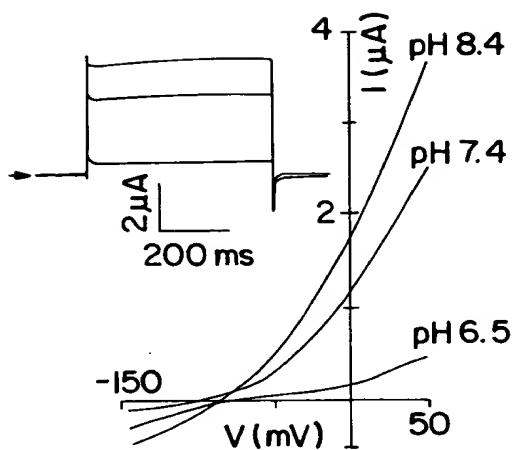


FIG. 13A

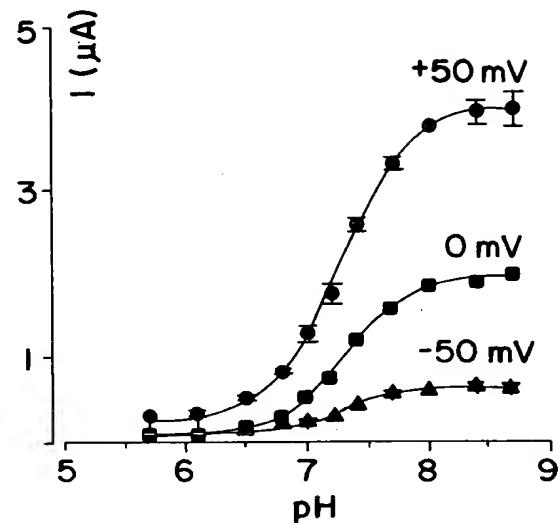


FIG. 13B

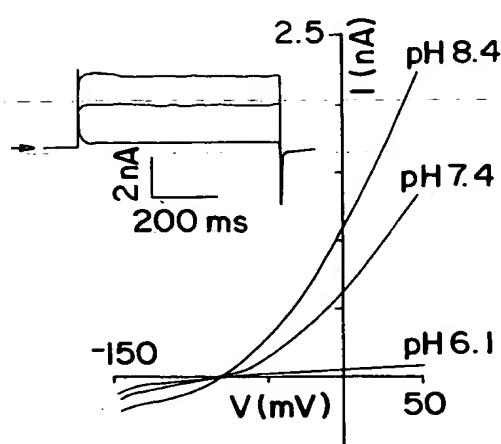


FIG. 13C

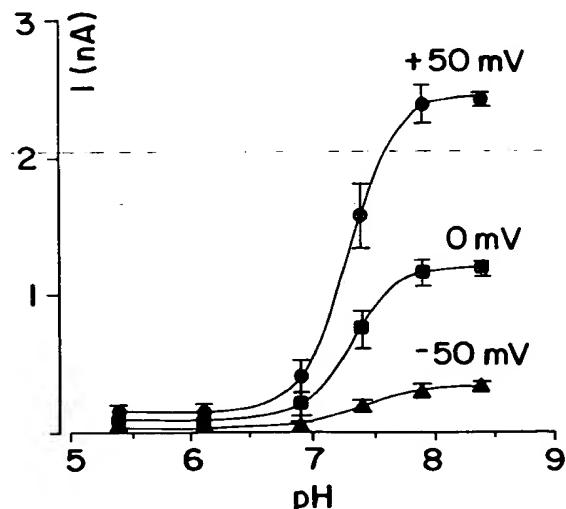


FIG. 13D

Fig. 1

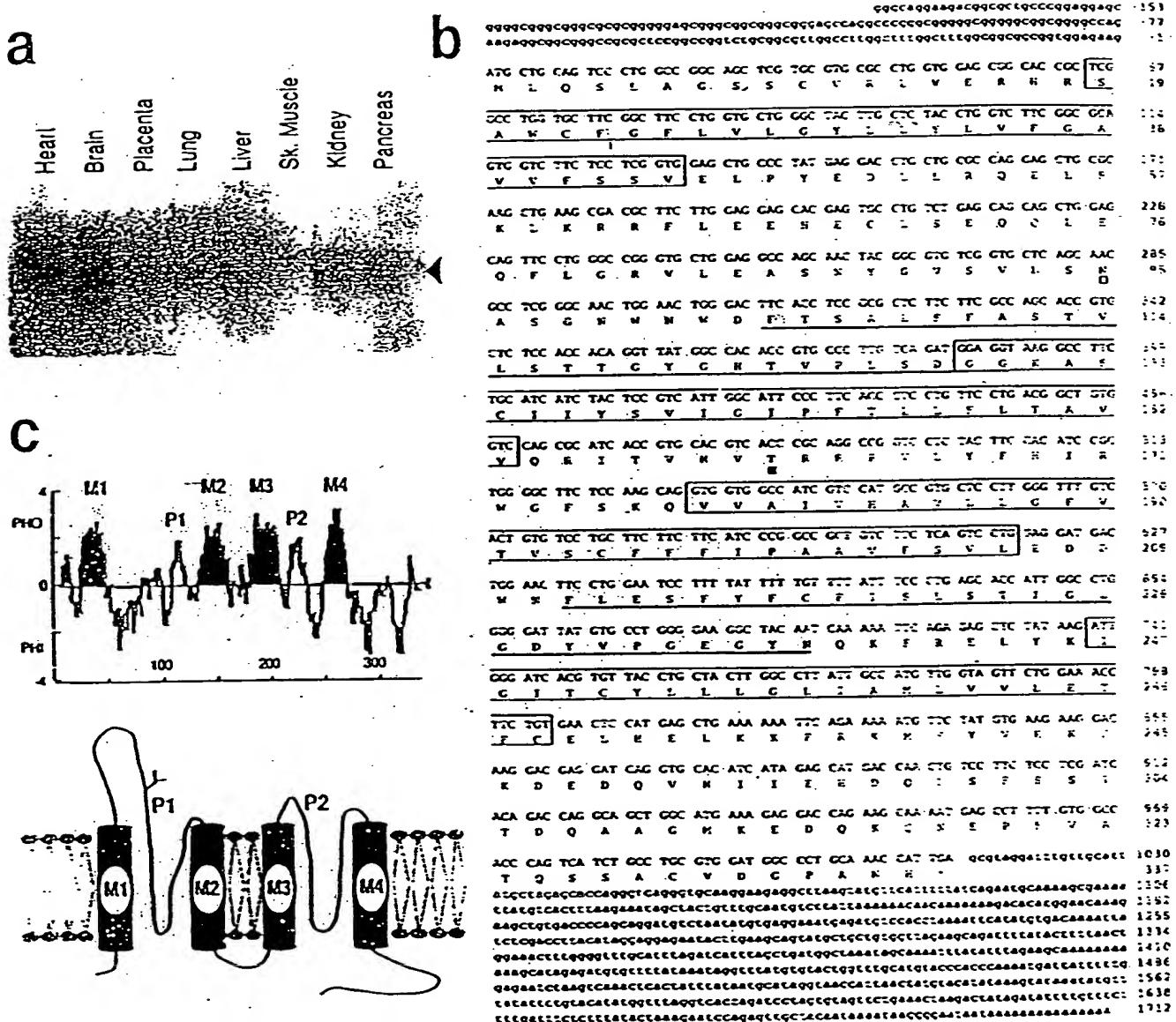


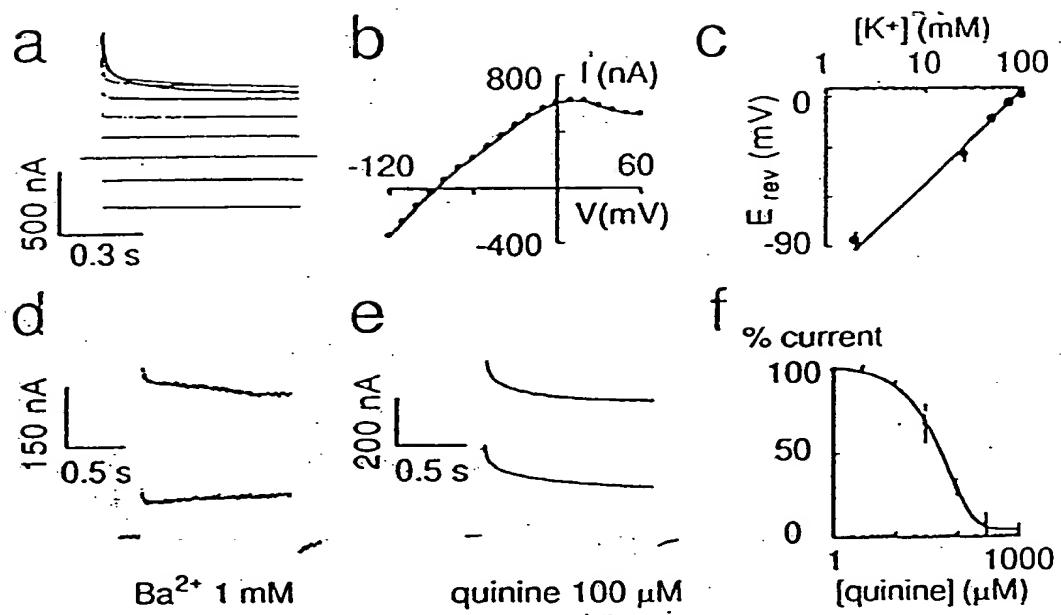
Fig. 2

a

b

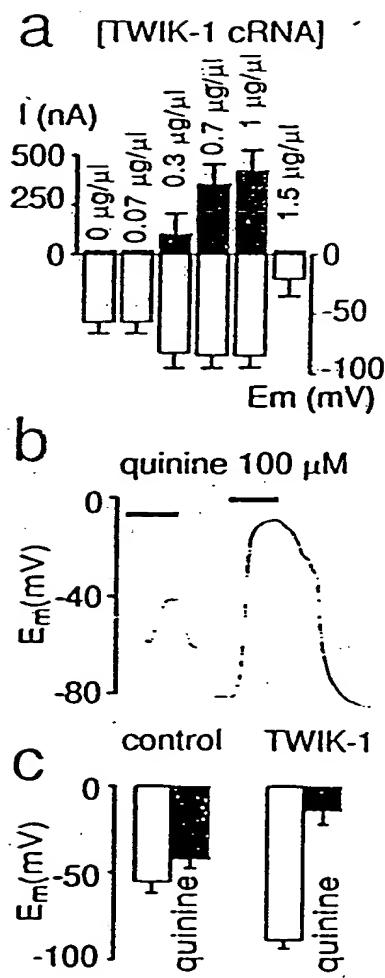
		I	14	27
TWIK-1 PT		PTSALEFASTVLBTTG	YGH	TVPLS
TWIK-1 P2		LESFYFCFISLSTEG	LDYV	PGE
TOKI P2		YFNCLYFCFICLLT	EGD	YAPR
TOKI P1		YGNALYFCTVSSL	TCG	TRGAG
Slo		YWTCVYFLIVM	STVG	YGD
Shaker		IPDAFWMAV	TM	TCETYL
Shab		IPDAFWMAWAG	TM	TCETYL
Shal		IPDAFWMAWAG	TM	TCETYL
Shaw		IPDAFWMAWAG	TM	TCETYL
KATI		YVTALYF	TM	TCETYL
AKTI		YVTALYF	TM	TCETYL
cag		YVTALYF	TM	TCETYL
ROMKI		MTSAFL	SKET	TCETYL
IRKI		IRKI	TCETYL	TCETYL
GIRKI		EPNSAFL	FEET	TCETYL
TWIK-1	1	ILQELAGSSCVRI	KE	-RHRS
117c8	1	HTDEEFYSGDTDHG	ES	CE
MI10-2	1	HTVMEBNSKIQHISAT	SD	SC
TWIK-1	31	EDVLYFSSAVVA	SE	VE
117c8	47	EVENDIAG	PS	PS
MI10-2	49	VTVALEGGAYI	LS	TS
TWIK-1	71	SECQDQFLGRV	Y	-E
117c8	69	LNERKSCV	-S	HEC
MI10-2	96	SECSDP	LT	HEC
TWIK-1	110	IASQWPSCT	TYG	H
117c8	115	SSWQLYSTAV	GYG	S
MI10-2	142	STTGT	TY	PS
		P1		
TWIK-1	157	TVH	-	TVH
117c8	162	RHFLVV	VS	NTR
MI10-2	189	SQL	-	PA
		P2		
TWIK-1	197	EI	-	EE
117c8	209	LLCS	TS	LLCS
MI10-2	213	YAE	LVNG	YAE
TWIK-1	239	QKFRELYK	NGE	C
117c8	254	---	LGWFS	FGM
MI10-2	253	---	DHNW	HLV
TWIK-1	278	---	SH	Y
117c8	295	LLRS	-EDD	CG
MI10-2	294	KAK	ELAG	CG
TWIK-1	315	QRQNEP	RV	Q
117c8	338	ESL	SS	LPN
MI10-2	342	EDG	HS	DPV

Fig. 3



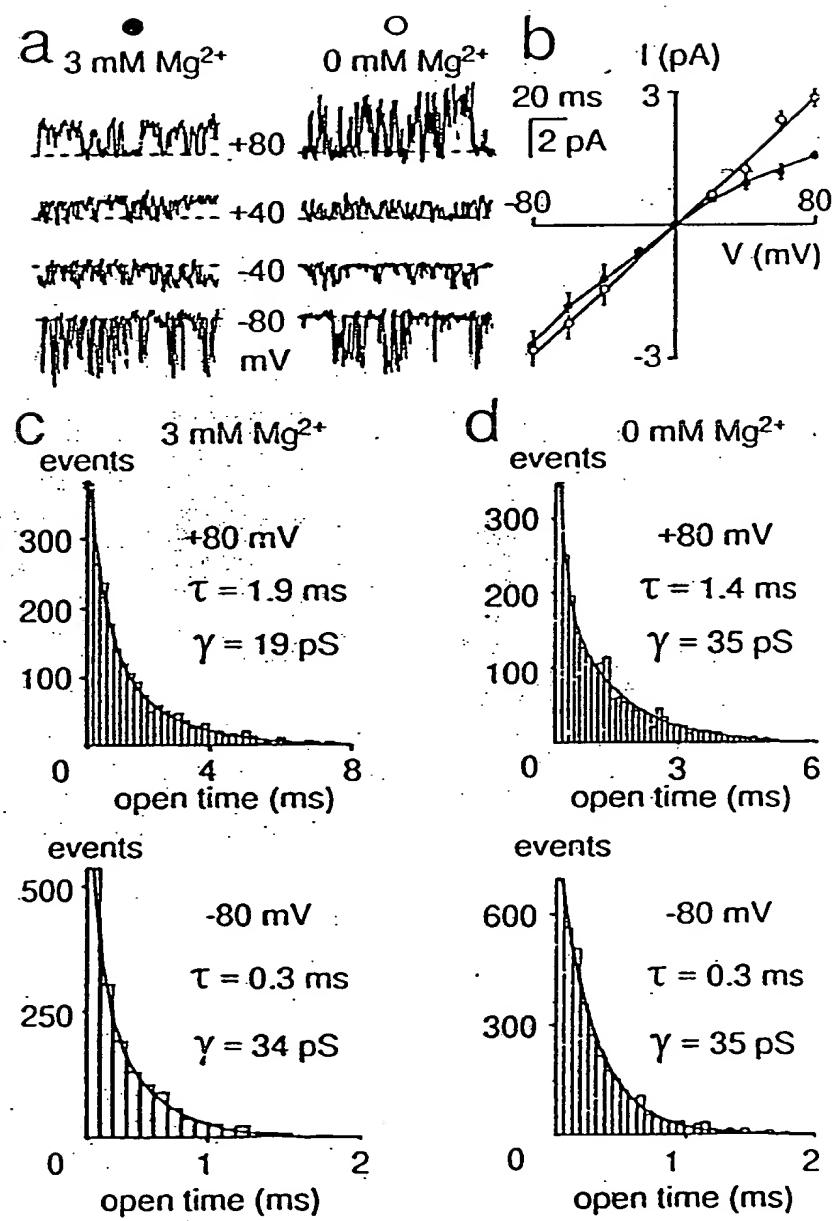
4/13

Fig. 4



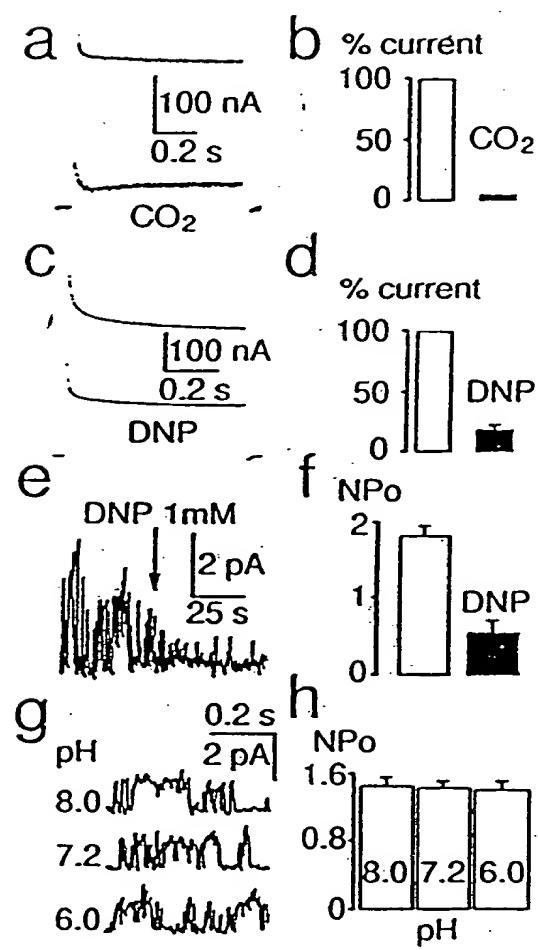
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Fig. 5



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Fig. 6



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Fig. 7

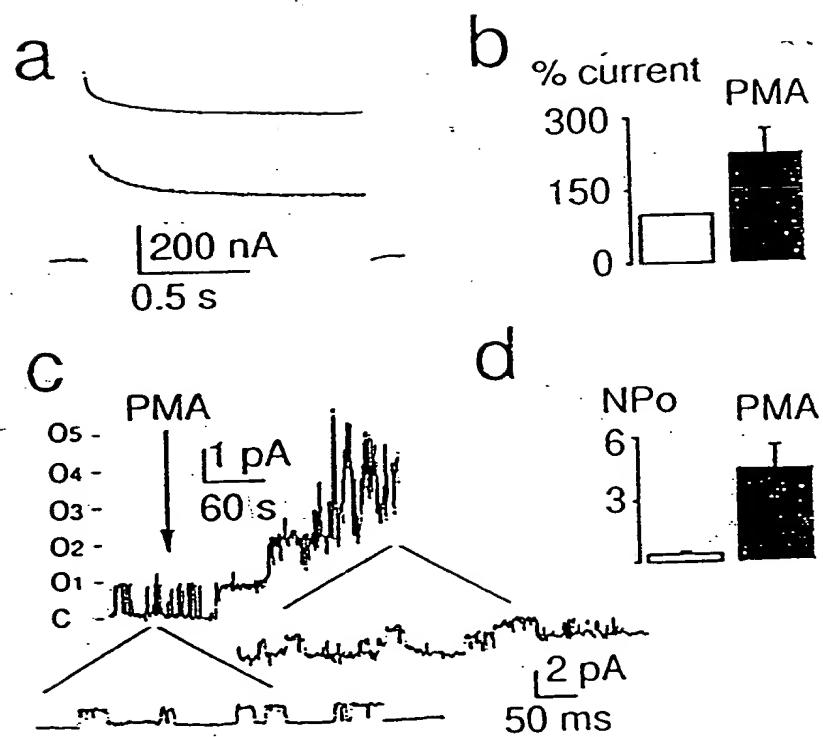


Fig. 8A

2

171 112
104

ପ୍ରକାଶକ ପତ୍ର ମାତ୍ରାନ୍ତିରି ପାଇଁ ପରିଚୟ

THE TWO ARE ALL THE SAME IN THIS RESPECT. THE ONE WHOSE NAME IS UNKNOWN IS THE OTHER'S SON.

221
222

813

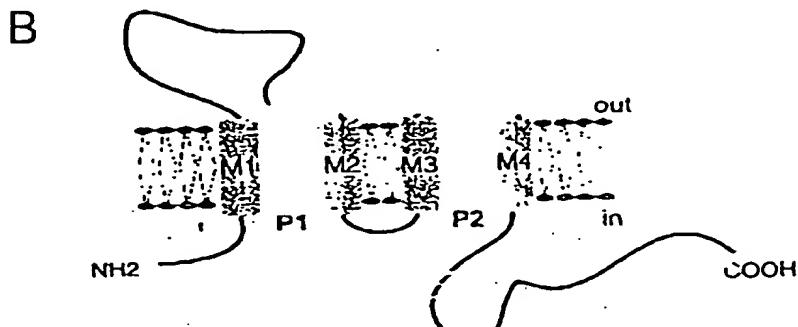
Fig. 8

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Fig. 9

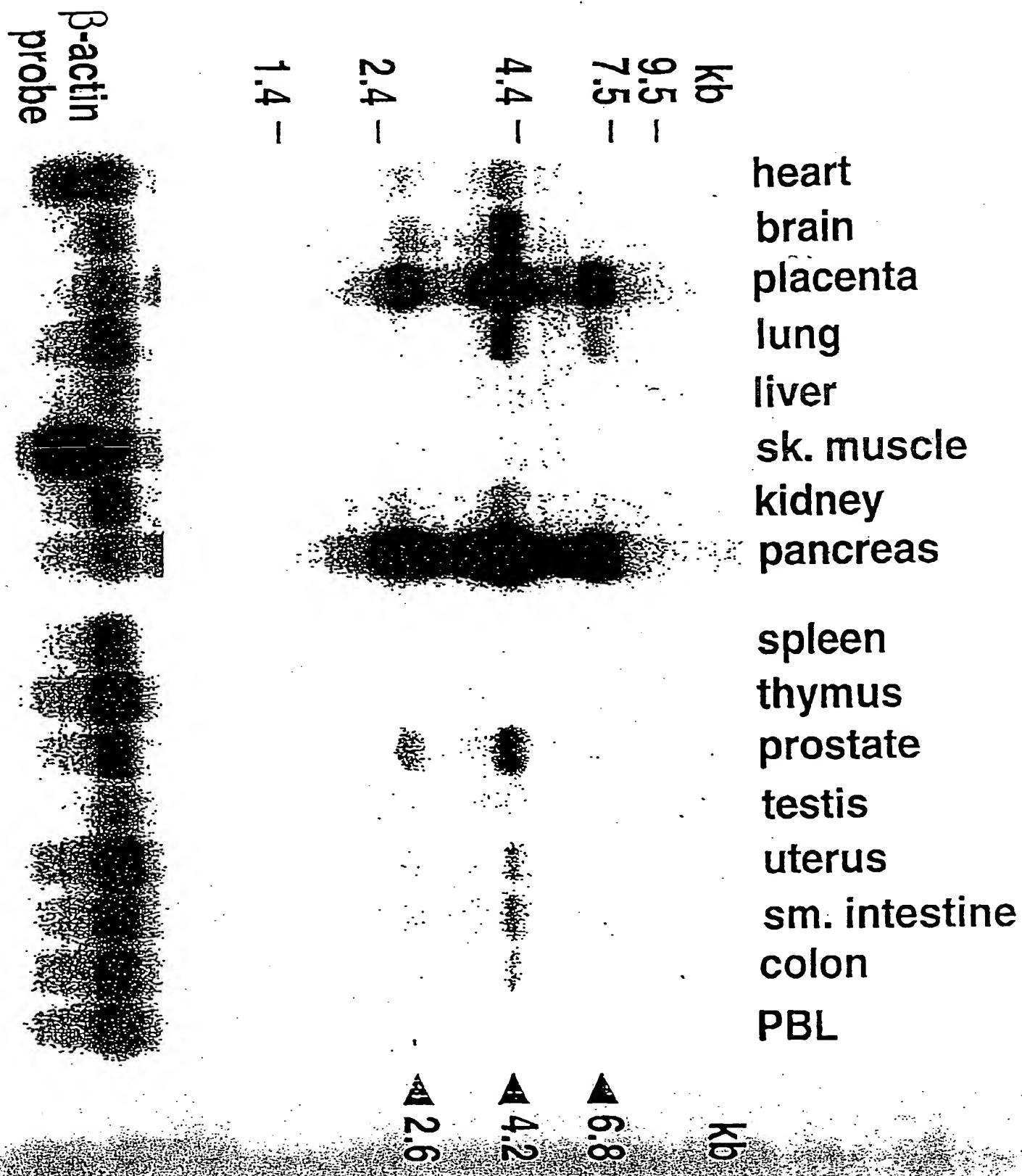
A

	1	----- EOSLAGSSCOVR -----	OVER HRS
	1	MAAPDIDDPKSAQNSKPRLSFSSKPTV	ASR VES DSA
	1	-----MKR-----Q-NVR-----	
		ML	
TWIK-1	20	-----AMCFGARLVLGILLYLVEGAIVFSSVELPYE DLL	
TREK-1	39	INVMKVKTYSTIFEVVLYLIGAAVFEALEQPQEISQ	
TASK	8	-----REALIVGAEFLYLIGAAVFEALESEPELIE	
TWIK-1	53	ROELRKLRKRRFLEEHCLSEQOLEOFLGRVLESNYGV	
TREK-1	77	RTTIVIQNQTEIAQAGVNSTEDPEIQQIVAAINAGI	
TASK	36	RORLERRQELRARYNLSQGG-YEEPERVVERLKPDKA	
TWIK-1	91	SVLNSASG-NWWDFITSALFFASTVLESTGYGHTVPLS	
TREK-1	115	IPLCNSNSQVSEWDGSSFFFAGTVITTTIGEHNISPR	
TASK	75	G-----VQ-WRFAGSFYFAITVITTTIGYGHAAPIST	
TWIK-1	128	DGGKAFCIITYSVIGIPETLISLTANMORITVHVTR--R	
TREK-1	153	EGGKISCTIYALLGIPLEGFLLAGVGDLGTYFGKGIA	
TASK	104	DGGKVFCEMYALGIPETLIVMFGLGPRINTLVRY--	
TWIK-1	164	PVLYFIHNGFSKQWVAHVAVLIGEIMVSCFFRIPAA	
TREK-1	191	KVEDDTFIKRNVSQTKIRIISTLIFLFCVVSVALPAA	
TASK	139	LLHRAKKGLGMRRADYSMANVLLGFFSCISTLIGAA	
TWIK-1	202	VESVLEDWNFLESYFCFISLSTIGHDYVEGE-GYN	
TREK-1	229	IFKHIEG-WSDLDAIYFVVITLTTIGFDYVAG--GSD	
TASK	177	AESSHYEH-WTFFOAYYCFITLTTIGFDYVALQKDQA	
TWIK-1	239	QKFRELYHREGIGYLLLGLEERSTAVLEIFQELHELKKF	
TREK-1	264	IEYLDFYXPVVWRILVGLAKFARAVLSMIGDWLRVISK	
TASK	214	LQTQPOVYASSFENYILIGLTICAEELNLVYTRFMTMNA	
TWIK-1	277	RKMFYVKKDKD-----	
TREK-1	302	KTKEEVCEFR-----	
TASK	252	EDEKRDAEHRALLTRNGQAGGGGGGSAHTTDASSTA	
TWIK-1	288	-----EDQVHIIEHDLQLSSITDQAAGMK--	
TREK-1	312	-----AHAEEWTANVTAEKETRRRLSVEI--	
TASK	290	AAGGGGFRNVYAEVLFQSHCSCLWYKSREKQYSIPM	
TWIK-1	313	---EQOKQNEPFVATQSSACVDGPANH-----	
TREK-1	337	---YDKFORATSVKRKLSAELAGNNQELTPCMRTCL-	
TASK	328	TIIPROLSTSDUCVEQSHSPGGGRYSDTPSRRCLSG	
TWIK-1	337	-----	
TREK-1	371	-----	
TASK	366	APRSAISSVSTGLHSLSTFRGLMKRRSSV	



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Fig. 10



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Fig. 11

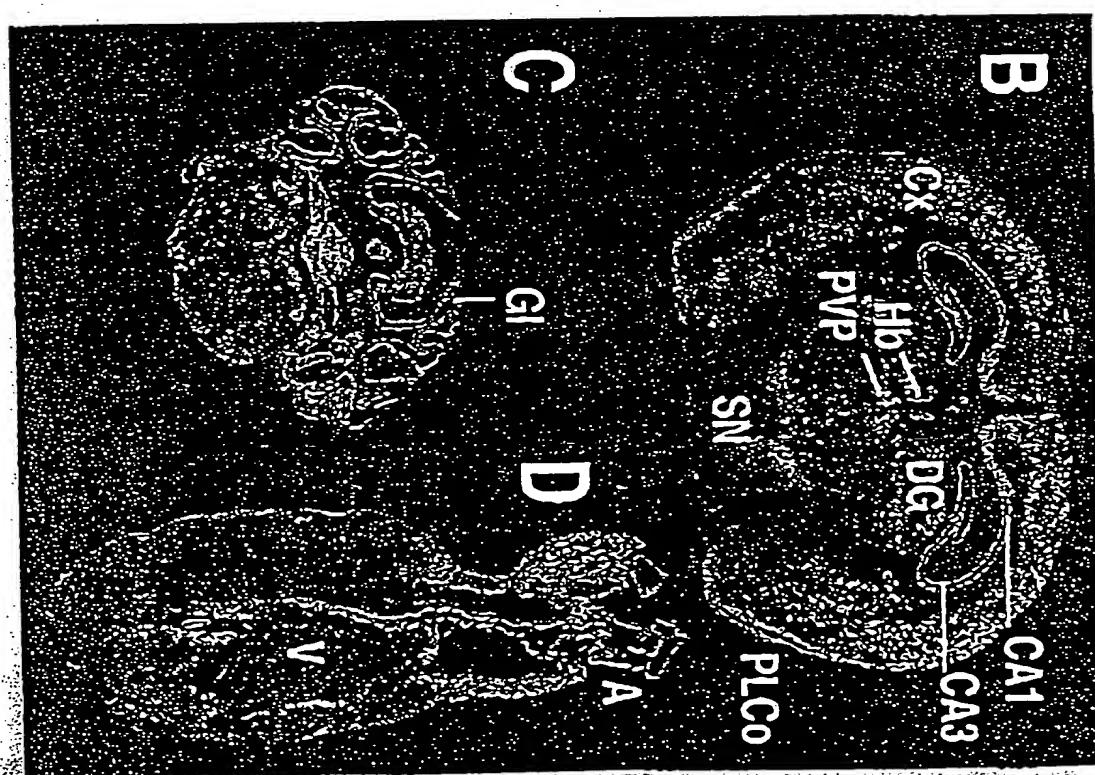
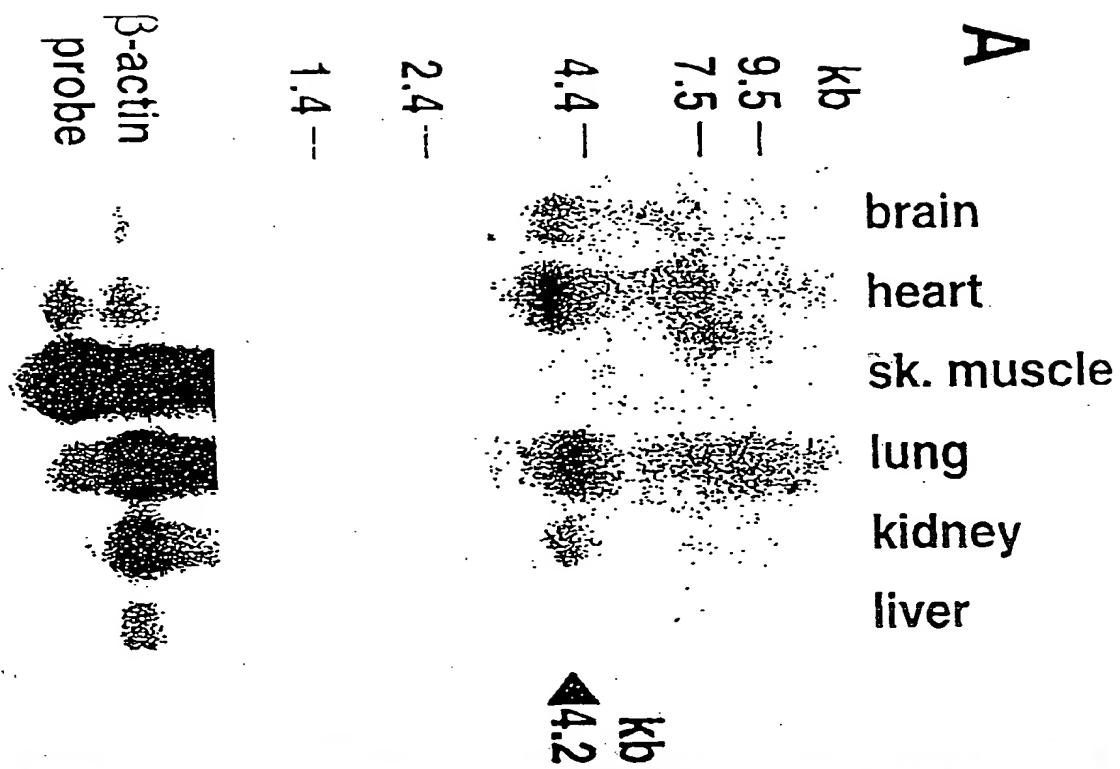
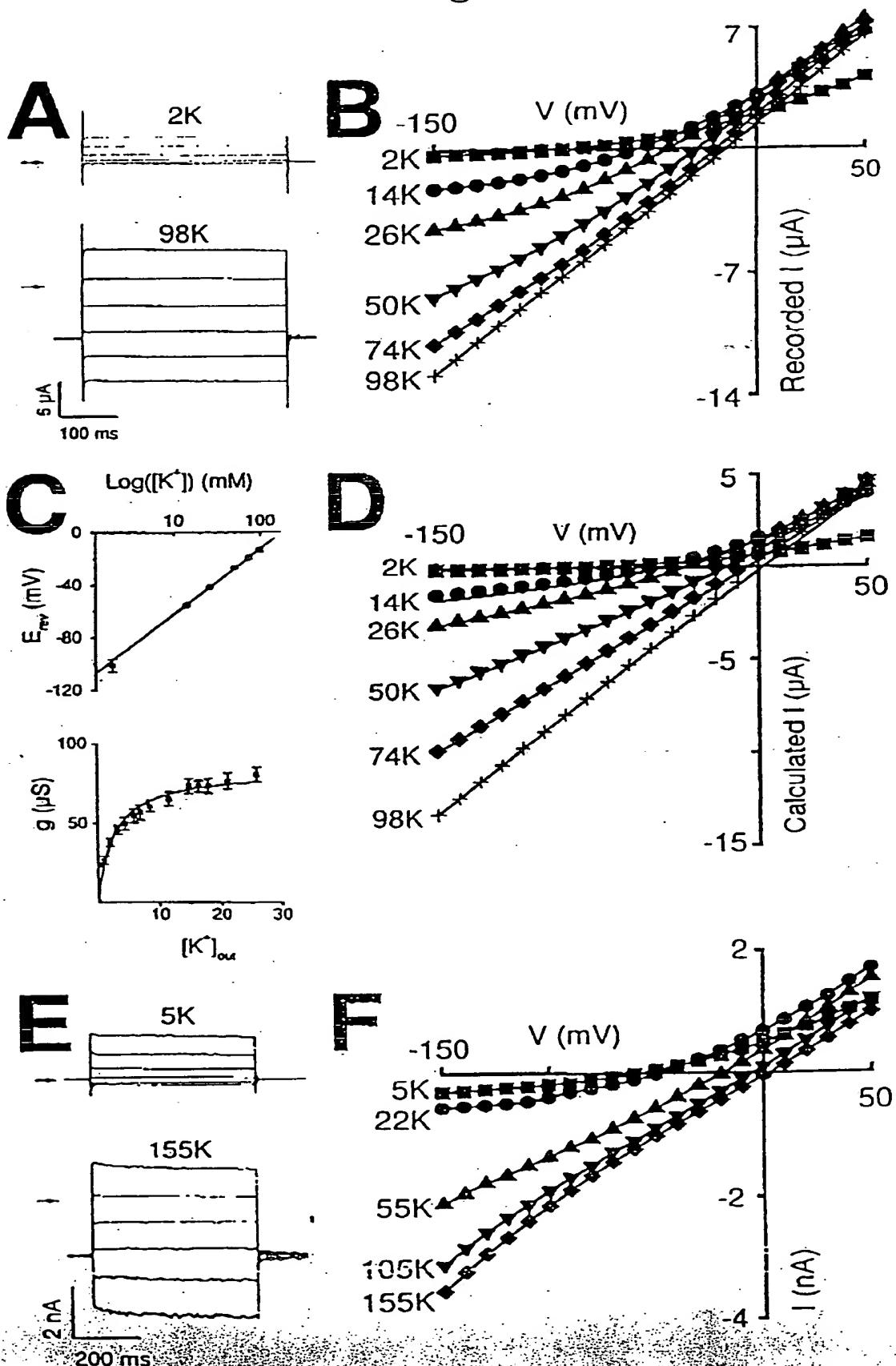


Fig. 12



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Fig. 13

